Daikin Split Systems

Ducted and Duct-Free Heating and Cooling Solutions for all your Construction Needs

R-410A
INVERTER

DAIKIN AC®
absolute comfort

The Daikin Difference

With passion and precision, Daikin is redefining how the world thinks about heating and cooling.

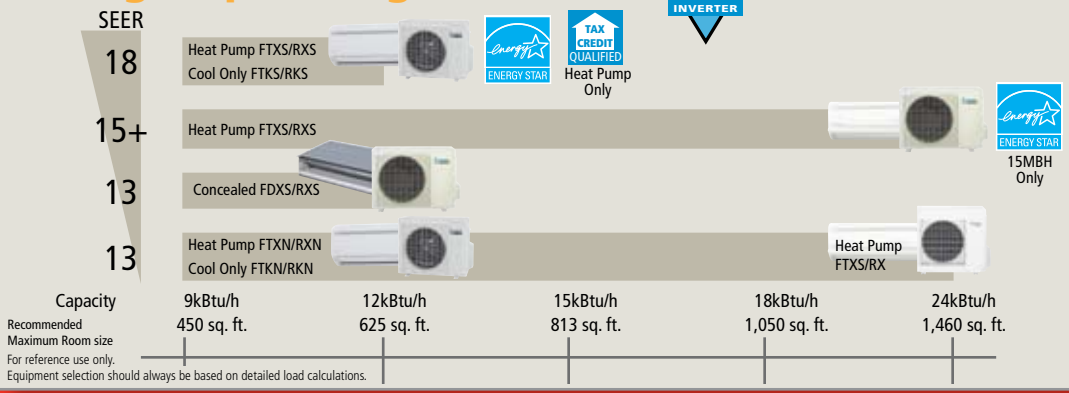
Daikin Split Systems are a perfect fit for residential applications and are also used extensively in schools, universities, hospitals, nursing homes, hotels, office buildings, data rooms or churches and a multitude of other light commercial applications.

- **Performance worldwide.** Daikin has sold millions of systems in more than 45 countries, with the average system consistently up and running nearly 20 years after installation.
- The **reliability** of a single supplier. Recognized by technicians and customers worldwide for its outstanding service and support.
- **Revolutionary technology** for precise temperature control that constantly readjusts itself to the environment and changing occupancy.
- All Daikin AC systems employ **inverter "variable speed" compressors** and non-ozone depletion potential **R-410A** refrigerant, also optimizing energy conservation.
- **Advanced Multi-Split Systems** allowing up to over 200 possible combinations with ducted or duct-free fan coils.
- **Absolute Comfort® — now available at every stage.** Along with their technological and aesthetic sophistication, Daikin systems are backed by one of the best warranties in the industry.

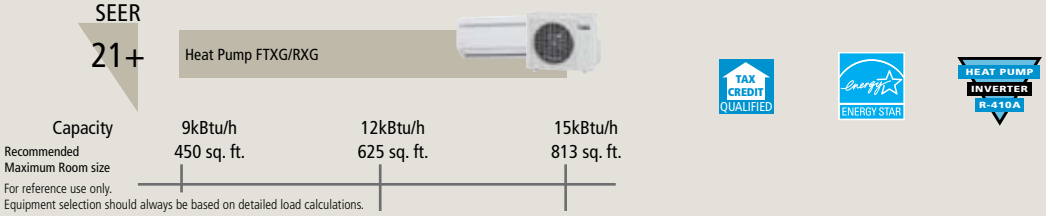
R-410A

A Powerful Product Portfolio

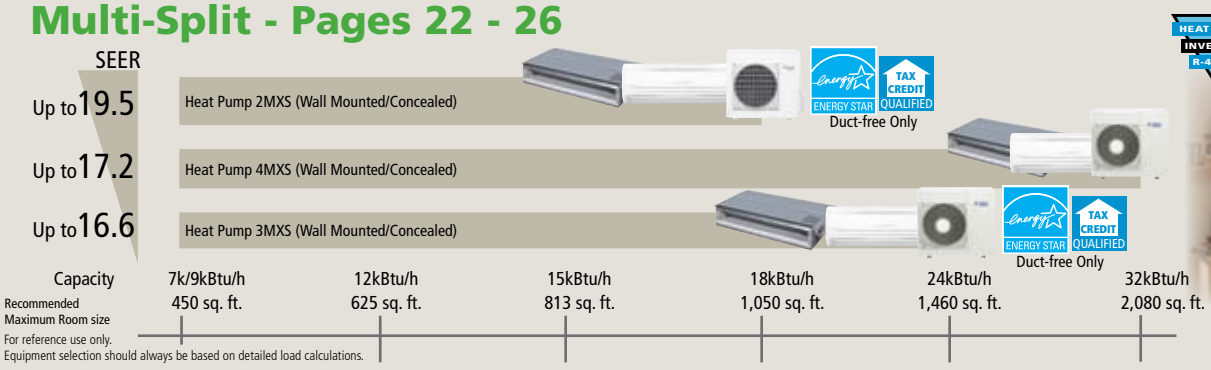
Single Split - Pages 12 - 17



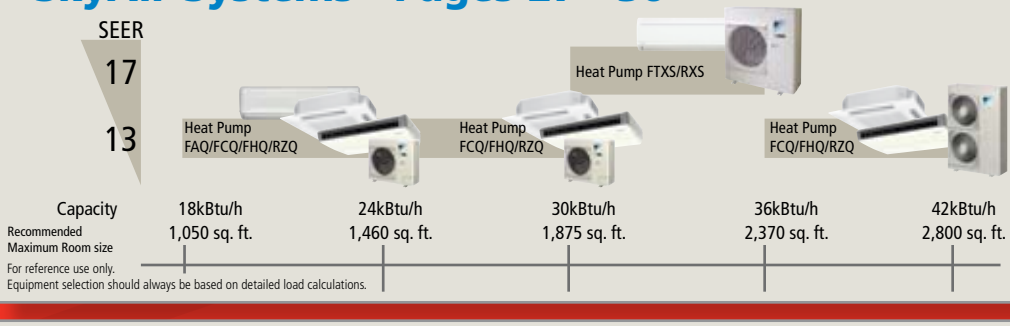
Quaternity™ - Pages 18 - 21



Multi-Split - Pages 22 - 26



SkyAir Systems - Pages 27 - 30



Other Product Lines Available

DAIKIN altherma

Innovative system that **heats**, produces **domestic hot water** and can even **cool** spaces.

For more information, please visit www.daikinac.com/altherma

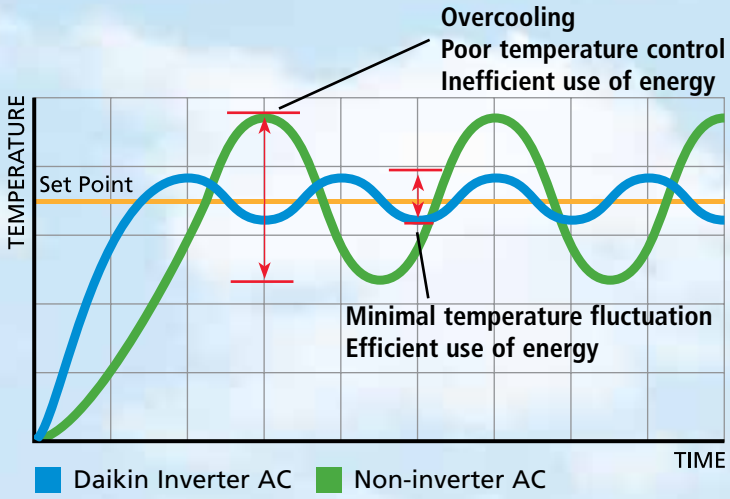
VRV® III-S VRV® III VRV® -W III

For more information, please visit www.daikinac.com/commercial

The Smart Choice

Intelligent to the Core

Daikin develops and optimizes every component within our unique system, making sure each element works flawlessly with the next. Optimal performance is delivered from the time a project begins to the moment of experiencing Absolute Comfort. We use the most up-to-date technology to build products that not only elevate the level of high performance but are equipped with advanced built-in intelligence and flexibility.



What is it?

- Inverter technology can be compared to the technology in a car: "The harder you push the accelerator, the faster you go."
- An inverter unit will gradually increase the compressor speed based on the capacity needed to cool down or heat up the room.
- A system without inverter technology can be compared to turning on or off a lamp. Turning on this type of unit will start to run on full load.

Advantages of the inverter technology

- The system operates at the required capacity, delivering the amount of cooling or heating to maintain the desired comfort condition.
- Start-up time is reduced by one-third (compared to normal on/off units).
- Avoids cycling operation of the compressor, thus reduced costly current (amp) peaks.
- Minimizes temperature fluctuations.
- Reduces the energy consumption by one-third (compared to normal on/off units).

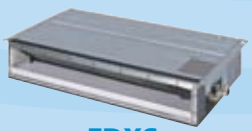
The Comfort of Choice

A wide range of indoor units allows for flexible installation. There is always a solution to fit any space, anytime.

FTXG

FTXN/FTXS/FTKN/FTKS

FTXS/CTXS



FDXS

FCQ

FAQ

FHQ

Smart installation

Instead of noisy compressors and large ductwork, Daikin uses a small, easily hidden outdoor unit and an easily connected pair of cooling lines. These lines open into a small three-inch opening through a wall or ceiling, connecting to an indoor unit.

Long piping run

The piping length varies according to the models. The maximum single longest line is 230 ft. for a maximum height difference of 164 ft.

Ultimate Comfort For The Home

Sound Efficient

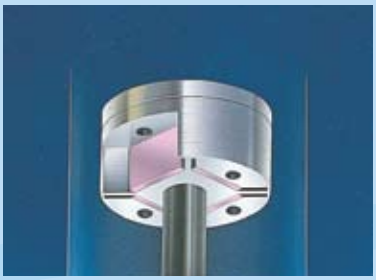
Swing Compressor

The design of the swing compressor reduces friction during operation for smoother and quieter rotation with less vibration resulting in a more durable compressor. It also minimizes the leakage of refrigerant gas during compression. The result is a system that operates quietly and efficiently.

Energy Efficient

Reluctance Digitally Commutated (DC) Motor

Daikin's Reluctance DC motors utilize powerful neodymium magnets 10 times more powerful than conventional magnets. By maximizing Daikin's Reluctance DC motors can boost efficiencies 20% higher than conventional motors.



PAM Control

PAM control

Pulse Amplitude Modulation Technology (PAM) is one of the keys to Daikin's success in producing systems that offer high power while maintaining excellent energy efficiency. The PAM Control reduces energy loss by controlling how often the converter switches on and off.

Daikin's Refrigerant Technology

All Daikin AC systems employ inverter "variable speed" compressors and non-ozone depletion potential R-410A refrigerant, also optimizing energy conservation. The ozone depletion potential (ODP) of zero for R-410A is lower than the ODP of 0.05 for R-22.

R-410A
INVERTER

ENERGY STAR® PARTNER

A number of Daikin products that are sold in North America are **Energy Star® qualified**. They are known for their outstanding energy conservation and performance. An Energy Star labeled product assures the customer that the system purchased meets or exceeds the Energy Efficiency Specifications and testing requirements of the ENERGY STAR® program. It not only provides the homeowner with a more sustainable and environment friendly solution, but helps lower significantly their cooling and heating bills.

Daikin sells products that may be eligible for the tax credit opportunities made available under The American Recovery and Reinvestment Act of 2009.

The American Recovery and Reinvestment Act of 2009 provides a personal tax credit to homeowners for the 2009 and 2010 tax years for any qualified energy efficiency improvements in the building envelope of existing homes and for any qualified residential energy property expenditures.

Homeowners* can claim 30% of the costs (up to a $1,500 limit) for the qualified product and its installation (including labor) for their main home located in the United States. Homeowners may only claim $1,500 in total for any energy efficiency improvements and can choose to claim the entire credit toward the installation of one appliance.

* For Canadian taxpayers, homeowners can claim the Home Renovation Tax Credit when filing their 2010 tax return.

AHRI Certified™

All Daikin products are certified by AHRI.

For more information, please visit www.ahridirectory.org

Features Checklist

			Single Split										Multi Split			SkyAir					
Energy Efficiency			SEER 13					SEER 16		SEER 18		SEER 22									
Type			Cool Only	Heat Pump	Heat Pump	Heat Pump	Heat Pump	Heat Pump	Heat Pump	Cool Only	Heat Pump	Heat Pump	Heat Pump	Heat Pump	Heat Pump	Heat Pump	Heat Pump	Heat Pump	Heat Pump	Heat Pump	Heat Pump
Models			FTKN09/12JEVJU	FTXN09/12JEVJU	FTXS09/12HVJU	FTXS15/18/24HVJU	FDXS09/12DVJU	FTXS09/12HVJU	FTXS15/18/24HVJU	FTKS09/12JEVJU	FTXS09/12JEVJU	FTXG09/12/15HVJU	FDXS09/12DVJU	CTXS07JVJU CTXS09/12HVJU	FTXS15/18HVJU	FAQ18/24PVJU	FTXS30/36HVJU	FCQ18/24/30PVJU	FCQ36/42MVJU	FHQ36/42MVJU	FHQ18/24/30PVJU
PAM control			■	■	■	■	■	■	■	■	■	■				●	■	●	●	●	●
Comfortable Airflow		Power Airflow Dual Flaps			■	■		■	■			■		■	■		■				
		Wide Angle Louvers	■	■	■	■		■	■	■	■	■		■	■		■				
		Vertical Auto Swing (up and down)	■	■	■	■		■	■	■	■	■		■	■	■	■	■	■	■	■
		Horizontal Auto Swing (left and right)				■			■			■		■	■		■				
		3 D Airflow				■			■			■		■	■		■				
		Comfortable Mode	■	■						■	■	■					■				
Comfort Control		Indoor Unit Quiet Operation	■	■	■	■	■	■	■	■	■	■	■	■	■		■				
		Outdoor Unit Quiet Operation			■	■	■	■	■				■	■	■	◆	■	◆	◆	◆	◆
		Intelligent Eye			■	■		■	■					■	■		■				
		Automatic Operation		■	■	■	■	■	■		■	■	■	■	■	■	■	■	■	■	■
		Program Dry Function	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
		Auto Fan Speed	■	■	■	■	■	■	■	■	■	■	■	■	■		■				
		Hot Start		■	■	■	■	■	■		■	■	■	■	■	■	■	■	■	■	■
Healthy and Clean		Mold Proof Air Filter	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
		Air Purifying Filter with Photocatalytic Deodorizing Function			■	■		■	■					■	■						
		Titanium Apatite Photocatalytic Air Purifying Function	■	■						■	■	■					■				
		Flash Streamer										■									
		Wipe clean Flat Panel	■	■	■	■		■	■	■	■	■		■	■		■				
Lifestyle		Econo Mode	■	■						■	■						■				
		Powerful Operation	■	■	■	■	■	■	■	■	■	■	■	■	■		■				
		Remote Controller with backlit display	■	■	■	■		■	■	■	■			■	■	■	■	■	■	■	■
		LCD Wireless Remote Control	■	■	■	■	■	■	■	■	■	■	■	■	■	◆	■	◆	◆	◆	◆
		Home Leave Operation			■	■	■	■	■				■	■	■						
		Indoor Unit On/Off Timer	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Timers		24 Hour On/Off Timer	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	Refer to page 29			
		Weekly Timer														pg 29	■	Refer to page 29			
		Night Set Mode	■	■	■	■	■	■	■	■	■	■		■	■	pg 29	■	Refer to page 29			
Worry Free		Auto Restart after Power Failure	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
		Self Diagnosis with Digital Display	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
		Anticorrosion Treatment of Outdoor Heat Exchanger Fin	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■

■ Function included

● PWM (Pulse Width Modulation)

◆ Option

Key Features & Benefits

Superior Comfort Control

Indoor Unit Quiet Operation. Sound levels are reduced by 2-3 decibels (dB) from the low fan speed for quieter and gentler heating and cooling.

Outdoor Unit Quiet Operation. Outdoor unit sound levels can be reduced by 3dB for times when quieter operation is needed.

Intelligent Eye. The intelligent eye is an infrared sensor with the ability to sense movement in the room. When you are in the room, the air conditioner operates normally. If you leave the room for more than 20 minutes the air conditioner automatically changes to an energy-saving operation. Using the intelligent eye, savings of up to 20% in cooling and up to 30% in heating, can be achieved.

Automatic Operation. For unattended year-round comfort, this function allows the unit to automatically switch between heating and cooling modes as required.

Program Dry Function. This gives priority to reducing the level of humidity in the room rather than room temperature.

Auto Fan Speed. To reduce operating sound and power consumption, the fan speed is automatically controlled by the micro-processor to suit the thermostat setting and prevailing room temperature.

Hot Start. When the heating operation starts or when the unit changes from cooling to heating there is no cold draught released into the room.

Lifestyle Convenience

Econo Mode. Econo Mode limits the maximum operating current and power consumption of the outdoor unit by approximately 30% during start-up. This saves energy and reduces the load on the electrical circuit when multiple electrical devices are used simultaneously.

Powerful Operation. Pushing the POWERFUL button on the remote control gives you a boost in cooling or heating power for a 20-minute period, even if the unit is already operating at high capacity.

Remote Controller with backlit display. Features a backlit LCD and luminescent control buttons, allowing for easy viewing in dimly lit rooms.

Home Leave Operation. Select this energy saving function when leaving the house and the air conditioner will operate at a pre-selected temperature. Your home can then be warmed or cooled much quicker upon your return. It can also be used to record your preferred (default) settings.

Indoor Unit On/Off Switch. A convenient on/off switch on the indoor unit allows you to start up the system even if you have misplaced the remote control or the remote control batteries are exhausted.

Comfortable Airflow

Wide Angle Louvers. Smoothly curved wide-angle louvers provide wide airflow coverage for effective heating and cooling no matter where the indoor unit is placed within the room.

Dual Flap System. This unique system directs warm air to the floor in winter and cool air across the room in summer for maximum efficiency and comfort. The large flap governs airflow direction while the small flap (or diffuser) swings, producing fine air currents that help circulate the air around the room.

Comfortable Mode. The new flap changes the delivery angle to horizontal for cooling and vertical for heating operation, to prevent cold or warm air from blowing directly onto your body.

Vertical Auto-Swing (up and down). The vertical auto swing automatically sweeps the air across the room in an up and down motion. When the unit is switched off, the louvres close automatically.

Horizontal Auto-Swing (left and right). Automatically moves to ensure an even distribution of air throughout a room.

3-D Airflow. Combines vertical and horizontal auto-swing to circulate cool/warm air to the corners of large spaces.

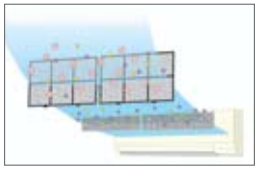
Worry Free

Auto-Restart. The unit memorizes the operation mode, airflow and temperature settings. Should there be a power failure when the unit is in operation, it will automatically return to the same operating conditions when the power is restored.

Self-Diagnosis. In the event that a problem develops with the unit, malfunction codes can be displayed on the liquid crystal panel of the remote control for fast and easy fault diagnosis.

Anti-Corrosion. The special anti-corrosion coating on the outdoor unit heat exchanger ensures greater resistance to salt damage and atmospheric corrosion.

Healthy and Clean



Air-Purifying Filter with Photocatalytic Deodorizing Function. This combination operates as a highly-effective unit. The filter traps microscopic particles, decomposes odors and neutralizes bacteria and viruses. The filter can be used for approximately three years if periodic maintenance is performed.

Titanium Apatite Photocatalytic Air-Purifying Filter. This filter combines the air-purifying filter and titanium apatite photocatalytic deodorizing filter in a single highly effective unit. The filter traps microscopic particles, decomposes odors and even adsorbs and deactivates bacteria and viruses. It lasts for three years without replacement if washed once every six months.

Mold-Proof Air Filter. The pre-filter net is impregnated with a safe, colorless and odorless mold preventative. This renders the filter virtually immune to mold.

Wipe-Clean Flat Panel. The flat panel models can be cleaned with only the single pass of a cloth across their smooth surface. The flat panel can also be easily removed for more thorough cleaning.

Timers

24-Hour On/Off Timer. The timer can be preset to start and stop the air conditioner at any time within a 24-hour period. Once the times are set, the air conditioner can be operated for a period by simply pressing the ON or OFF timer buttons.

Weekly Timer. The weekly timer function makes it easy to enter up to four settings per day for each day of the week. The weekly timer function not only allows you to program on and off time, but also the desired temperature.

Night Set Mode. Through the use of the 'Timer-OFF Circuit', the preset room temperature gently rises in cooling or falls in heating before the unit stops. This energy-saving feature allows you to sleep comfortably without feeling a sudden change in the room temperature, while at the same time saving energy.

Keeping Warm

Quick Warming Function. Preheats the compressor to shorten the time required to discharge warm air.

Automatic Defrosting. Sensor performs automatic defrosting of the outdoor heat exchanger if necessary, ensuring optimum heating performance.

Simple Installation

At Daikin, we're not just concerned with how comfortable our systems make you feel — but how comfortable you feel about our systems. Instead of large condensing units with noisy compressors and large duct work, Daikin systems are comprised of small, easily located outdoor units and a connected pair of refrigerant lines. These lines slide into a small 3-inch opening through a wall or ceiling connecting to a wall-mounted or a slim built-in indoor unit.

There are few electrical connections to make, so your contractor can install your system in a minimal amount of time — in many cases, on average, in a single day's work. The compact and lightweight design, combined with the long, flexible piping and wiring, make installation a snap.

Whether planning an add-on or new construction, Daikin Split Systems will keep you comfortable. Wireless or wired (optional) remote controllers are on all of our models and include temperature control, a timer and other functions. You also have your choice of wall mounted or slim built-in fan coil units.

Wall Mounted Indoor Units

FTKN / FTXN

RKN / RXN

ARC

* Not available on FTKN models

Controllers (Options)

Interface Adaptor for Wired Remote Controller	KRP980B1
Wired Remote Controller	BRC944B2_A08

Standard Efficiency - SEER 13
Cooling Only

Indoor Units - FTKN_JEVJU

Model		FTKN09JEVJU	FTKN12JEVJU
Refrigerant		R-410A	R-410A
Front Panel Color		Off-White	Off-White
Cooling Capacity (min./nom./max.)	Btu/h	4,400/8,500/9,500	4,400/10,000/12,000
Sensible Cooling Capacity	Btu/h	5,270	6,460
Airflow-Wet (H/M/L/SL)	cfm	325/261/187/141	328/272/198/155
Sound Pressure Level - Cooling (H/M/L/SL)	dB(A)	40/33/26/22	41/34/27/23
Condensate Drain Connection (O.D.)	in.	ø 5/8	ø 5/8
Dimensions (H x W x D)	in.	11-1/8 x 30-1/4 x 7-3/4	
Net Weight	lbs.	16	16
Gross Weight	lbs.	24	24
Wireless Remote Controller (standard)		ARC452A14	ARC452A14
Wired Remote Controller (optional) with 26 ft. cable		BRC944B2-A08	BRC944B2-A08

Outdoor Units - RKN_JEVJU

Model		RKN09JEVJU	RKN12JEVJU
Casing Color		Ivory White	Ivory White
Refrigerant		R-410A	R-410A
Power Source		1ph 208/230V 60Hz	1ph 208/230V 60Hz
Max. Fuse Size	A	15	15
Compressor Type		Hermetically sealed swing type compressor	
Compressor Motor Output	W	750	750
Power Consumption-Cooling (system)	W	795	945
Operating Current-Cooling (system)	A	4.6-4.1	4.8-4.4
Sound Pressure Level (cooling)	dB(A)	49	50
Operating Range-Cooling (outdoor)	°F DB	50 - 114.8	50 - 114.8
Pipe Connections-Liquid (flare type)	in.	ø 1/4	ø 1/4
Pipe Connections-Gas (flare type)	in.	ø 3/8	ø 3/8
Refrigerant Charge	lbs.	2.20	2.20
Max. Piping Length	ft.	49	49
Piping Length (no add'l refrigerant)	ft.	33	33
Max. Height Difference	ft.	39	39
Dimensions (H x W x D)	in.	21-5/8 x 25-7/8 x 10-7/8	
Net Weight	lbs.	66	66
Gross Weight	lbs.	76	76

Certified Efficiency Performance Values

AHRI Number	Outdoor Model	Indoor Model	EER	SEER
3698117	RKN09JEVJU	FTKN09JEVJU	10.7	13.0
3698118	RKN12JEVJU	FTKN12JEVJU	10.6	13.0

Standard Efficiency - SEER 13
Heat Pump

Indoor Units - FTXN_JEVJU

Model		FTXN09JEVJU	FTXN12JEVJU
Refrigerant		R-410A	R-410A
Front Panel Color		Off-White	Off-White
Cooling Capacity (min./nom./max.)	Btu/h	4,400/8,500/9,500	4,400/10,000/12,000
Sensible Cooling Capacity	Btu/h	5,270	6,460
Heating Capacity (min./nom./max.)	Btu/h	4,400/10,000/11,600	4,400/12,000/16,400
Heating Capacity (5) 17	Btu/h	5,300	6,500
Airflow-Wet (H/M/L/SL)	cfm	325/261/187/141	328/272/198/155
Airflow-Dry (H/M/L/SL)	cfm	342/286/226/198	357/297/237/208
Sound Pressure Level - Cooling (H/M/L/SL)	dB(A)	40/33/26/22	41/34/27/23
Sound Pressure Level - Heating (H/M/L/SL)	dB(A)	40/34/28/25	41/35/29/26
Condensate Drain Connection (O.D.)	in.	ø 5/8	ø 5/8
Dimensions (H x W x D)	in.	11-1/8 x 30-1/4 x 7-3/4	
Net Weight	lbs.	16	16
Gross Weight	lbs.	24	24
Wireless Remote Controller (standard)		ARC452A12	ARC452A12
Wired Remote Controller (optional) with 26 ft. cable		BRC944B2-A08	BRC944B2-A08
Optional Condensate Pump		DACA-CP1-1	DACA-CP1-1

Outdoor Units - RXN_JEVJU

Model		RXN09JEVJU	RXN12JEVJU
Casing Color		Ivory White	Ivory White
Refrigerant		R-410A	R-410A
Power Source		1ph 208/230V 60Hz	1ph 208/230V 60Hz
Max. Fuse Size	A	15	15
Compressor Type		Hermetically sealed swing type compressor	
Compressor Motor Output	W	750	750
Power Consumption-Cooling (system)	W	795	945
Power Consumption-Heating (system)	W	865	1,050
Operating Current-Cooling (system)	A	4.6-4.1	4.8-4.4
Operating Current-Heating (system)	A	4.6-4.2	5.4-4.9
Sound Pressure Level (cooling/heating)	dB(A)	49/50	50/51
Operating Range-Cooling (outdoor)	°F DB	50 - 114.8	50 - 114.8
Operating Range-Heating (outdoor)	°F DB	5 - 77	5 - 77
Pipe Connections-Liquid (flare type)	in.	ø 1/4	ø 1/4
Pipe Connections-Gas (flare type)	in.	ø 3/8	ø 3/8
Refrigerant Charge	lbs.	2.20	2.20
Max. Piping Length	ft.	49	49
Piping Length (no add'l refrigerant)	ft.	33	33
Max. Height Difference	ft.	39	39
Dimensions (H x W x D)	in.	21-5/8 x 25-7/8 x 10-7/8	
Net Weight	lbs.	68	68
Gross Weight	lbs.	78	78
Condenser Mounting Bracket Accessory		DACA-WB-3	DACA-WB-3

Certified Efficiency Performance Values

AHRI Number	Outdoor Model	Indoor Model	EER	SEER	COP	HSPF
3696642	RXN09JEVJU	FTXN09JEVJU	10.7	13.0	3.39	8.0
3696643	RXN12JEVJU	FTXN12JEVJU	10.6	13.0	3.35	8.0

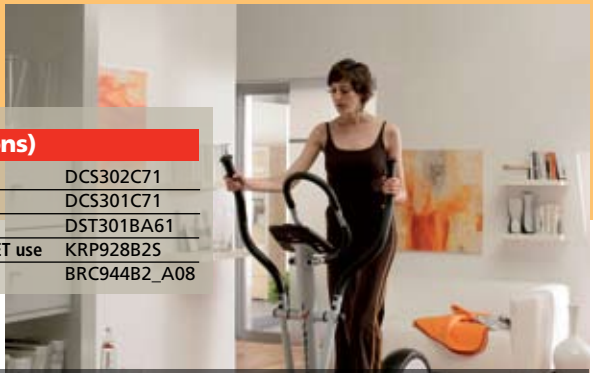
FTXS

RXS09/12

RXS15/18/24

ARC

Controllers (Options)	
Central Remote Controller	DCS302C71
Unified On/Off Controller	DCS301C71
Schedule Timer	DST301BA61
Interface Adaptor for DIII-NET use	KRP928B2S
Wired Remote Controller	BRC944B2_A08



Combination of RXS15DVJU and FTXS15HVJU is Energy Star rated

High Efficiency - SEER 15+
Heat Pump

Indoor Units - FTXS_HVJU Wall Mounted Units

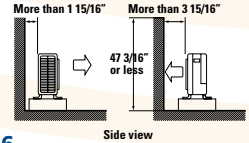
Model		FTXS09HVJU	FTXS12HVJU	FTXS15HVJU	FTXS18HVJU	FTXS24HVJU
Refrigerant		R-410A	R-410A	R-410A	R-410A	R-410A
Front Panel Color		Off-White	Off-White	Off-White	Off-White	Off-White
Cooling Capacity (min./nom./max.)	Btu/h	4,400/8,500/9,500	4,800/11,500/12,000	3,200/15,000/15,000	3,200/18,000/18,000	3,200/22,000/22,000
Heating Capacity (min./nom./max.)	Btu/h	4,400/10,000/11,000	4,800/11,500/13,000	3,200/18,000/21,200	3,200/21,600/24,000	3,200/24,000/25,400
Moisture Removal	Pt/h	2.3	3.2	3.4	4.3	6.3
Airflow-Wet (H/M/L)	cfm	246/197/148	242/195/148	519/436/353	549/476/402	536/473/409
Airflow-Dry (H/M/L)	cfm	253/220/187	286/237/187	515/459/402	609/529/448	586/532/477
Sound Pressure Level - Cooling (H/M/L)	dB(A)	38/32/25	40/33/26	45/41/36	45/41/36	46/42/37
Sound Pressure Level - Heating (H/M/L)	dB(A)	38/33/28	39/34/29	44/40/35	44/40/35	46/42/37
Condensate Drain Connection (O.D.)	in.	ø 11/16	ø 11/16	ø 11/16	ø 11/16	ø 11/16
Dimensions (H x W x D)	in.	10 3/4 x 30 7/8 x 7 11/16		11 7/16 x 41 5/16 x 9 3/8		
Net Weight	lbs.	16.6	16.6	26.5	26.5	26.5
Gross Weight	lbs.	25	25	38	38	38
Wireless Remote Controller (standard)		ARC452A7	ARC452A7	ARC452A9	ARC452A9	ARC452A9
Wired Remote Controller (optional) with 26 ft. cable		BRC944B2_A08	BRC944B2_A08	BRC944B2_A08	BRC944B2_A08	BRC944B2_A08
Optional Condensate Pump		DACA-CP1-1	DACA-CP1-1	DACA-CP1-1	DACA-CP1-1	DACA-CP1-1

Outdoor Units - RXS_D(A)VJU

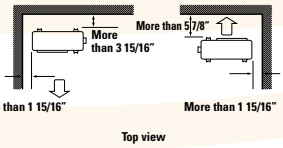
Model		RXS09DAVJU	RXS12DAVJU	RXS15DVJU	RXS18DVJU	RXS24DVJU
Casing Color		Ivory White	Ivory White	Ivory White	Ivory White	Ivory White
Refrigerant		R-410A	R-410A	R-410A	R-410A	R-410A
Power Source		1ph 208/230V 60Hz	1ph 208/230V 60Hz	1ph 208/230V 60Hz	1ph 208/230V 60Hz	1ph 208/230V 60Hz
Max. Fuse Size	A	15	15	20	20	20
Compressor Type		Hermetically sealed swing type compressor				
Compressor Motor Output	W	600	600	1,500	1,500	1,900
Energy Efficiency	SEER	16.0	16.0	17.0	16.3	15.0
Energy Efficiency	HSPF	8.8	8.8	10.1	9.1	9.2
Power Consumption-Cooling (system)	W	770	1,236	1,230	1,590	2,360
Power Consumption-Heating (system)	W	1,070	1,000	1,570	2,000	2,590
Operating Current-Cooling (system)	A	4.13	5.51	5.44	6.97	10.3
Operating Current-Heating (system)	A	4.98	4.73	6.88	8.71	11.3
Sound Pressure Level (cooling/heating)	dB(A)	48/49	49/51	51/51	51/51	54/54
Operating Range-Cooling (outdoor)	°F DB	14 - 115	14 - 115	14 - 115	14 - 115	14 - 115
Operating Range-Cooling (outdoor) (with optional wind baffle)	°F DB	0 - 115	0 - 115	0 - 115	0 - 115	0 - 115
Operating Range-Heating (outdoor)	°F DB	5 - 77	5 - 77	5 - 77	5 - 77	5 - 77
Operating Range-Heating (outdoor) (with optional wind baffle)	°F DB	0 - 77	0 - 77	0 - 77	0 - 77	0 - 77
Pipe Connections-Liquid (flare type)	in.	ø 1/4	ø 1/4	ø 1/4	ø 1/4	ø 1/4
Pipe Connections-Gas (flare type)	in.	ø 3/8	ø 3/8	ø 1/2	ø 1/2	ø 5/8
Refrigerant Charge	lbs.	1.76	2.2	3.75	3.75	3.75
Max. Piping Length	ft.	65	65	98	98	98
Piping Length (no add'l refrigerant)	ft.	33	33	33	33	33
Max. Height Difference	ft.	49	49	65.6	65.6	65.6
Dimensions (H x W x D)	in.	21-5/8 x 30-1/8 x 11-1/4		28-15/16 x 32-1/2 x 11-13/16		
Net Weight	lbs.	74	80	117	117	121
Gross Weight	lbs.	86	92	133	133	137
Condenser Mounting Bracket Accessory		DACA-WB-3	DACA-WB-3	DACA-WB-3	DACA-WB-3	DACA-WB-3

RXS09/RXS12 installation space

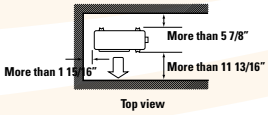
Wall facing one side



Walls facing two sides



Walls facing three sides



Certified Efficiency Performance Values

AHRI Number	Outdoor Model	Indoor Model	EER	SEER	COP	HSPF
3208512	RXS09DAVJU	FTXS09HVJU	11.0	16.0	2.74	8.8
3208510	RXS12DAVJU	FTXS12HVJU	9.3	16.0	3.37	8.8
3208511	RXS15DVJU	FTXS15HVJU	12.2	17.0	3.36	10.1
3208509	RXS18DVJU	FTXS18HVJU	11.3	16.3	3.17	9.1
3208513	RXS24DVJU	FTXS24HVJU	9.3	15.0	2.72	9.2

FTKS / FTXS

RKS / RXS

ARC

* Not available on FTKS models

Controllers (Options)

Interface Adaptor for Wired Remote Controller	KRP980B1
Wired Remote Controller	BRC944B2_A08

High Efficiency - SEER 18
Cooling Only

Indoor Units - FTKS_JEVJU

Model		FTKS09JEVJU	FTKS12JEVJU
Refrigerant		R-410A	R-410A
Front Panel Color		Off-White	Off-White
Cooling Capacity (min./nom./max.)	Btu/h	4,400/8,500/9,500	4,400/10,000/12,000
Sensible Cooling Capacity	Btu/h	5,320	6,520
Airflow-Wet (H/M/L/SL)	cfm	325/261/187/141	328/272/198/155
Sound Pressure Level - Cooling (H/M/L/SL)	dB(A)	40/33/26/22	41/34/27/23
Condensate Drain Connection (O.D.)	in.	ø 5/8	ø 5/8
Dimensions (H x W x D)	in.	11-1/8 x 30-1/4 x 7-3/4	
Net Weight	lbs.	16	16
Gross Weight	lbs.	24	24
Wireless Remote Controller (standard)		ARC452A14	ARC452A14
Wired Remote Controller (optional) with 26 ft. cable		BRC944B2-A08	BRC944B2-A08

Outdoor Units - RKS_JEVJU

Model		RKS09JEVJU	RKS12JEVJU
Casing Color		Ivory White	Ivory White
Refrigerant		R-410A	R-410A
Power Source		1ph 208/230V 60Hz	1ph 208/230V 60Hz
Max. Fuse Size	A	15	15
Compressor Type		Hermetically sealed swing type compressor	
Compressor Motor Output	W	750	750
Power Consumption-Cooling (system)	W	680	800
Operating Current-Cooling (system)	A	4.1-3.7	4.1-3.7
Sound Pressure Level (cooling)	dB(A)	48	48
Operating Range-Cooling (outdoor)	°F DB	50 - 114.8	50 - 114.8
Pipe Connections-Liquid (flare type)	in.	ø 1/4	ø 1/4
Pipe Connections-Gas (flare type)	in.	ø 3/8	ø 3/8
Refrigerant Charge	lbs.	2.2	2.2
Max. Piping Length	ft.	49	49
Piping Length (no add'l refrigerant)	ft.	33	33
Max. Height Difference	ft.	39	39
Dimensions (H x W x D)	in.	21-5/8 x 25-7/8 x 10-7/8	
Net Weight	lbs.	66	66
Gross Weight	lbs.	75	75

Certified Efficiency Performance Values

AHRI Number	Outdoor Model	Indoor Model	EER	SEER
3698086	RKS09JEVJU	FTKS09JEVJU	12.5	18.0
3700898	RKS12JEVJU	FTKS12JEVJU	12.5	18.0

*Not available on FTKS models

High Efficiency - SEER 18
Heat Pump

Indoor Units - FTXS_JEVJU

Model		FTXS09JEVJU	FTXS12JEVJU
Refrigerant		R-410A	R-410A
Front Panel Color		Off-White	Off-White
Cooling Capacity (min./nom./max.)	Btu/h	4,400/8,500/9,500	4,400/10,000/12,000
Sensible Cooling Capacity	Btu/h	5,320	6,520
Heating Capacity (min./nom./max.)	Btu/h	4,400/10,000/11,600	4,400/12,000/16,400
Heating Capacity (at 17°F)	Btu/h	6,000	6,900
Airflow-Wet (H/M/L/SL)	cfm	325/261/187/141	328/272/198/155
Airflow-Dry (H/M/L/SL)	cfm	342/286/226/198	357/297/237/208
Sound Pressure Level - Cooling (H/M/L/SL)	dB(A)	40/33/26/22	41/34/27/23
Sound Pressure Level - Heating (H/M/L/SL)	dB(A)	40/34/28/25	41/35/29/26
Condensate Drain Connection (O.D.)	in.	ø 5/8	ø 5/8
Dimensions (H x W x D)	in.	11-1/8 x 30-1/4 x 7-3/4	
Net Weight	lbs.	16	16
Gross Weight	lbs.	24	24
Wireless Remote Controller (standard)		ARC452A12	ARC452A12
Wired Remote Controller (optional) with 26 ft. cable		BRC944B2-A08	BRC944B2-A08
Optional Condensate Pump		DACA-CP1-1	DACA-CP1-1

Outdoor Units - RXS_JEVJU

Model		RXS09JEVJU	RXS12JEVJU
Casing Color		Ivory White	Ivory White
Refrigerant		R-410A	R-410A
Power Source		1ph 208/230V 60Hz	1ph 208/230V 60Hz
Max. Fuse Size	A	15	15
Compressor Type		Hermetically sealed swing type compressor	
Compressor Motor Output	W	750	750
Power Consumption-Cooling (system)	W	680	800
Power Consumption-Heating (system)	W	775	930
Operating Current-Cooling (system)	A	4.1-3.7	4.1-3.7
Operating Current-Heating (system)	A	4.0-3.6	4.8-4.3
Sound Pressure Level (cooling/heating)	dB(A)	48/48	48/49
Operating Range-Cooling (outdoor)	°F DB	50 - 114.8	50 - 114.8
Operating Range-Heating (outdoor)	°F DB	5 - 77	5 - 77
Pipe Connections-Liquid (flare type)	in.	ø 1/4	ø 1/4
Pipe Connections-Gas (flare type)	in.	ø 3/8	ø 3/8
Refrigerant Charge	lbs.	2.2	2.2
Max. Piping Length	ft.	49	49
Piping Length (no add'l refrigerant)	ft.	33	33
Max. Height Difference	ft.	39	39
Dimensions (H x W x D)	in.	21-5/8 x 25-7/8 x 10-7/8	
Net Weight	lbs.	68	68
Gross Weight	lbs.	77	77
Condenser Mounting Bracket Accessory		DACA-WB-3	DACA-WB-3

Certified Efficiency Performance Values

AHRI Number	Outdoor Model	Indoor Model	EER	SEER	COP	HSPF
3696299	RXS09JEVJU	FTXS09JEVJU	12.5	18.0	3.78	10.0
3696303	RXS12JEVJU	FTXS12JEVJU	12.5	18.0	3.78	10.0

WARNINGS

- Always use a licensed installer or contractor to install this product. Improper installation can result in water or refrigerant leakage, electrical shock, fire or explosion.
- Use only those parts and accessories supplied or specified by Daikin. Ask a licensed contractor to install those parts and accessories. Use of unauthorized parts and accessories or improper installation of parts and accessories can result in water or refrigerant leakage, electrical shock, fire or explosion.
- Read the User's Manual carefully before using this product. The User's Manual provides important safety instructions and warnings. Be sure to follow these instructions and warnings.

For any inquiries, contact your local Daikin sales office.

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Organization:
DAIKIN INDUSTRIES, LTD.
AIR CONDITIONING MANUFACTURING DIVISION

Scope of Registration:
THE DESIGN/DEVELOPMENT AND MANUFACTURE OF COMMERCIAL AIR CONDITIONING, HEATING, COOLING, REFRIGERATING EQUIPMENT, COMMERCIAL HEATING EQUIPMENT, RESIDENTIAL AIR CONDITIONING EQUIPMENT, HEAT RECLAIM VENTILATION, AIR CLEANING EQUIPMENT, MARINE TYPE CONTAINER REFRIGERATION UNITS, COMPRESSORS AND VALVES.

JMI-0107

Organization:
DAIKIN INDUSTRIES (THAILAND) LTD.

Scope of Registration:
THE DESIGN/DEVELOPMENT AND MANUFACTURE OF AIR CONDITIONERS AND THE COMPONENTS INCLUDING COMPRESSORS USED FOR THEM.

JQA-1452

All of the Daikin Group's business facilities and subsidiaries in Japan are certified under the ISO 14001 International standard for environmental management.

EC99J2044

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